



Docket No.: SUN-P5640  
Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: O'Neill )  
Serial No.: 09/778,569 )  
Filing Date: 02/07/01 )  
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SUN MICROSYSTEMS, INC., a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

An assignment from the inventor(s) of the patent application identified above. A copy of the assignment is attached.

A chain of title from the inventor(s), of the patent application identified above, to the current assignees as shown below:

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The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) avers that the undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

3/25/03  
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Sean P. Lewis  
*Typed or Printed Name*

Senior Counsel  
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